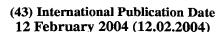
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(57) Abstract: A method is disclosed for directly synthesizing nanoscale structures, particularly in defined locations. The method overcomes problems in nanoscale manufacturing by enabling the direct fabrication of composites useful for constructing electronic devices. In one aspect of the method, nanotubes and arrays of nanotubes are synthesized directly at defined locations useful for constructing electronic devices.